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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=3; day=12; hr=19; min=20; sec=30; ms=715;]

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Reviewer Comments:

<210> 14

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Peptide

<220>

<221> modified_res

<222> (2)..(12)

<223> xaa = can be any naturally occurring amino acid

<400> 14

Cys	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Cys	Xaa	Xaa	Xaa	Cys
1				5				10				

Since "Cys" appears at locations 5 and 9, please change the above <222> response to the following: (2)..(4), (6)..(8), (10)..(12).

<210> 17

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

Peptide

<400> 17 KAAKKAA

Lys Ala Ala Lys Lys Ala Ala

1

5

Please remove "KAAKKAA" from the <400> line. The only response should be the SEQ ID NO.

Application No: 10784537 Version No: 2.0

Input Set:

Output Set:

Started: 2008-02-27 12:02:38.741
Finished: 2008-02-27 12:02:39.894
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 153 ms
Total Warnings: 18
Total Errors: 2
No. of SeqIDs Defined: 18
Actual SeqID Count: 18

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
E 257	Invalid sequence data feature in <221> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
E 202	Invalid input format; Value must be an integer in <400> SEQID:
W 213	Artificial or Unknown found in <213> in SEQ ID (18)

SEQUENCE LISTING

<110> ARAP, WADIIH
PASQUALINI
MARCHIO, SERENA
LAHDENRANTA, JOHANNA

<120> AMINOPEPTIDASE A (APA) TARGETING PEPTIDES
FOR THE TREATMENT OF CANCER

<130> UTSC:872US

<140> 10784537
<141> 2004-02-23

<150> PCT/US02/27836
<151> 2002-08-30

<150> PCT/US01/27692
<151> 2001-09-07

<150> 60/231,266
<151> 2000-09-08

<150> 09/765,101
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<160> 18

<170> PatentIn Ver. 2.1

<210> 1
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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Peptide

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Gly Ala Cys Trp Thr Trp Cys Ala Asp Gly Cys Ser Arg Ser Cys
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<212> PRT
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<223> Description of Artificial Sequence: Synthetic Peptide

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1 5

<210> 3

<211> 13

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic Peptide

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1 5 10

<210> 4

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Peptide

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1 5 10

<210> 5

<211> 7

<212> PRT

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<212> PRT

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<223> Description of Artificial Sequence: Synthetic Peptide

<400> 7

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<210> 8

<211> 12

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic Peptide

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1 5 10

<210> 9

<211> 31

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Peptide

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Cys Tyr Asn Leu Cys Ile Arg Glu Cys Glu Ser Ile Cys Gly Ala Asp

1 5 10 15

Gly Ala Cys Trp Thr Trp Cys Ala Asp Gly Cys Ser Arg Ser Cys

20 25 30

<210> 10

<211> 13

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<220>
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<400> 10
Cys Gly Thr Gly Cys Ala Val Glu Cys Glu Val Val Cys
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<210> 11
<211> 13
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<220>
<223> Description of Artificial Sequence: Synthetic Peptide

<400> 11
Cys Ala Val Ala Cys Trp Ala Asp Cys Gln Leu Gly Cys
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<210> 12
<211> 13
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<220>
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<400> 12
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<220>
<223> Description of Artificial Sequence: Synthetic Peptide

<400> 13
Cys Ser Met Met Cys Leu Glu Gly Cys Asp Asp Trp Cys
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<210> 14
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic Peptide

<220>
 <221> modified_res
 <222> (2)..(12)
 <223> xaa = can be any naturally occurring amino acid

<400> 14

Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys
 1 5 10

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<220>
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 1 5

<210> 16
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 <213> Artificial Sequence

<220>
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 1 5

<210> 17
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic Peptide

<400> 17 KAAKKAA

Lys Ala Ala Lys Lys Ala Ala
 1 5

<210> 18
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Peptide

<400> 18

Lys Leu Gly Lys Lys Leu Gly

1

5